AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on p. 15, line 12 with the following replacement paragraph:

In the instant hydrogen storage materials, the spectrum of hydrogen storage sites is enlarged to obtain storage sites displaying a wider range of binding strengths for hydrogen storage. Whereas previous work by Ovshinsky has emphasized the formation of a large number of storage sites, the instant invention emphasizes the formation of storage sites having a broader range ~~ranger~~ of binding strengths. More specifically, the instant invention demonstrates the creation of hydrogen storage sites having reduced binding strengths relative to storage sites found in the currently available hydrogen storage materials. The binding strengths of the new storage sites are sufficiently high to effectively bind hydrogen, but not so high as to significantly inhibit discharge kinetics at temperatures only slightly above room temperature. As a result, the new class of hydrogen storage materials provides both high hydrogen storage capacity and rapid discharge kinetics at reasonable temperatures.